NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

GEOTECHNICAL UNIT BORING LOG														
PROJECT NO 8.1650401 ID B-1019 COUNTY ANSON GEOLOGIST J.K. STICKNEY														
					RIDGE #56 ON US 52 OVER WINSTON-SALI									GND WATER
BORING NO B2-A										EASTING				0 HR 1.40m
ALIGNMENT L					BORING LOCATION 15+13.000					OFFSET 4.20m LT			·	24 HR 1.70m
COLLAR ELEV 84.46m										TE 2/18/02			COMPLETION DATE 02/18/02	
DRILL MA				DRILL METHOD SPT CO				RE BORING			HAMMER TYPE AUTOMATIC			
SURFACE WATER DEPTH							DEPTH TO ROCK 3.31m						Log B2-A, Page 1 of 1	
ELEV DEPTH			OW (PEN	BLOWS PER 30				SAMPLE	MOI	P	SOIL AND ROCK	
		15cm	15cm	15cm	(m)	0 2	.5 t	0 /	5 10	NO NO	MOI	Ğ	DESCR	IPTION
	<u> </u>													
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	=													
E										1				
84.46	_						-Ground	Surface-						
84.00_	<u> </u>												RESIDUAL - ST	
	_			-							MOIST		BROWN SILTY	SANDY CLAY
	_ 1.60	15	19	32	0.30									
	- 1.00	13	19	32	0.50		=====	51 K		SS-6	DRY			*
82.00_	=			-		=====						3	WEATHERED I	DOCK (CANDY
		00		45		======			\				SILTY	CLAY)
	3.12	28	5 5	45	0.30				JOO-	SS-7				
										RUN #1			RED-BROWN S	OFT TO MOD.
80.00_	-					=====						\boxtimes	HARD, SLI. WE	
30.00	<u> </u>											\bowtie	FRESH, TRIASSIC CLOSE TO CLOS	SE FRACTURES
-	_					=====				RUN #2		\boxtimes	REC=98%	
	=											\bowtie	AS ABOVE REC	=80% RQD=40%
78.00_	=					======						\boxtimes		
70.00_	_									RUN #3		\boxtimes	AS ABOVE TO 6	
	=					======		=====				\bowtie	HARD, SLI. WE FRESH TRIASSI	ATHERED TO
76.57	-									ļ		\boxtimes	TO MOD. CLOS	E FRACTURES
=								MINATE					REC=100%	RQD=65%
	E					ELEVA		573 MET E-ROCK	ERS IN :					
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NORTH CAROLINA DEPARTMENT OF TRANSPORTATION **DIVISION OF HIGHWAYS** GEOTECHNICAL UNIT CORE BORING REPORT

PROJECT NO: 8.1650401

BORING NO: B2-A

COLLAR ELEV: 84.46

TOTAL DEPTH: 7.89

TOTAL RUN: 4.41

PROJECT ID: B-1019

PERSONNEL: C.E. BURRIS

BORING LOCATION (STA): 15+13

COUNTY: ANSON

GEOLOGIST: J.K. STICKNEY SITE DESCRPTION: REPLACE BRIDGE #56 ON US 52 OVER WINSTON-SALEM SOUTH RR

DRILLER: R.S. HINSON

OFFSET: 4.2 LT

CORE SIZE: NXWL

DATE STARTED: 02-18-02

DRILL MACHINE: CME-550 DRILL EQUIP: TRICONE, NXWL DATE COMPLETED: 02-18-02

ELEV. (M)	DEPTH (M)	DRILL RATE (MIN/.3 m)	RUN NO.	REC % (M)	RQD % (M)	SAMPLE NO.	FIELD CLASSIFICATION AND REMARKS
80.98	3.48		1	98	55		RED-BROWN SOFT TO MODERATELY HARD, MODERATELY SEVERELY WEATHERED TO MODERATELY WEATHERED TRIASSIC MUDSTONE WITH VERY CLOSE TO CLOSE FRACTURE SPACING
79.61	4.85		2	80	40	RS-2	AS ABOVE
78.09 76.57	6.37 7.89		3	100	65		AS ABOVE TO 6.91 METERS THEN MOD. HARD, SLIGHTLY WEATHERED TO FRESH TRIASSIC MUDSTONE WITH CLOSE TO MODERATELY CLOSE FRACTURE SPACING
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